

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S15 5	39	("4925316"   "5470156"   "5474382"   "5486051"   "5492411"   "5509735"   "5513915"   "5551127"   "5604000"   "5660479"   "5672009"   "5725312"   "5774954"   "5827163"   "5832570"   "5930877"   "5964532").PN. OR ("6183134").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/20 16:50
S15 4	18	("20020037115"   "20030118253"   "5023122"   "5063069"   "5509735"   "5519982"   "5660479"   "5826401"   "6138439"   "6183134"   "6354738"   "6360513"   "6517242"   "6526726"   "6595690"   "6688079"   "6820393"   "6830377").PN. OR ("6993886").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/20 16:48
S15 3	172	("3381592"   "3473589"   "3532571"   "3608439"   "3613524"   "3701191"   "3701192"   "3785111"   "3839128"   "3948705"   "4094729"   "4196030"   "4240241"   "4241865"   "4246288"   "4277241"   "4341575"   "4355494"   "4372793"   "4415386"   "4430070"   "4437293"   "4517788"   "4528224"   "4563319"   "4581006"   "4582549"   "4589145"   "4601694"   "4617683"   "4620320"   "4651504"   "4655862"   "4663915"   "4666536"   "4673383"   "4691372"   "4703518"   "4709398"   "4709533"   "4710157"   "4782951"   "4787880"   "4790126"   "4807300"   "4812074"   "4840012"   "4840611"   "4844759"   "4850178"   "4876842"   "4878987"   "4892414"   "4892512"   "4894975"   "4909017"   "4924655"   "4925318"   "4929225"   "4941307"   "4969309"   "4974395"   "4993212"   "5005707"   "5014498"   "5027584"   "5036643"   "5042224"   "5046300"   "5047002"   "5063639"   "5067208"   "5072571"   "5085031"   "5088971"   "5092831"   "5096516"   "5105603"   "5107658"   "5111643"   "5116301"   "5127208"   "5131121"   "5147272"   "5161286"   "5179816"   "5188461"   "5211482"   "5247781"   "5254073"   "5259904"   "5273511"   "5322579"   "5334127"   "5383989"   "5400565"   "5400568"   "5405478"   "5405629"   "5412924"   "5415904"   "5425216"   "5425825"   "5431760"   "5435864"   "5442837"   "5448807"   "5470156"   "5482375"   "5489252"   "5492411"   "5505037"   "5509735"   "5511884"   "5519982"   "5525363"   "5542902"   "5551127"   "5551208"   "5557907"   "5558613"   "5561966"   "5564259"   "5573614"   "5592802").PN. OR ("5603202"   "5613934"   "5628566"   "5647671"   "5669715"   "5672234"   "5682730"   "5706635"   "5725312"   "5782733"   "5788378"   "5823933"   "5833791"   "5906438"   "5956924"   "6044621"   "6138436"   "6138439"   "6148588"   "6161271"   "6209287"   "6212857"   "6216423"   "6279298"   "6286189"   "6289561"   "6292986"   "6293896"   "6327754"   "6347437"   "6360513"   "6363692"   "6412254"   "6427421"   "6449924"   "6470551"   "6499272"   "6526726"   "6581358"   "6688080"   "6918234"   "RE27174").PN. OR ("7178309").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/20 16:36
S15 2	9	("3991801"   "4925316"   "5211482"   "5911508"   "5964532"   "6010244"   "6088887"   "6115892"   "6257763").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/20 16:19
S15 1	39	("4925316"   "5470156"   "5474382"   "5486051"   "5492411"   "5509735"   "5513915"   "5551127"   "5604000"   "5660479"   "5672009"   "5725312"   "5774954"   "5827163"   "5832570"   "5930877"   "5964532").PN. OR ("6183134").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/20 14:18
S15 0	16	("4572377"   "5077064"   "5435864"   "5601368"   "5672009"   "5806984"   "5829884"   "5954433"   "6012844").PN. OR ("6244748").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/20 13:51
S14 9	2	"US 20020015537"	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2007/07/20 13:37
S14 8	1	"20010017947"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/20 13:03

## EAST Search History

S14 7	1	"6360513".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/20 13:03
S14 6	13	("4335817"   "5036643"   "5660479"   "5672009"   "5713669"   "5806984"   "5951453"   "5954433"   "6116314"   "6264366").PN. OR ("6402376").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/19 17:45
S14 5	18	("2002-0037115"   "20040062456"   "20040066990"   "4655862"   "4909017"   "5461845"   "5672009"   "5681115"   "5782733"   "5829884"   "5954433"   "6131370"   "6177172"   "6212857"   "6270257"   "6402376"   "6481891"   "6659643"   "6694704").PN. OR ("6991372").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/19 17:44
S14 4	16	("4572377"   "5077064"   "5435864"   "5601368"   "5672009"   "5806984"   "5829884"   "5954433"   "6012844").PN. OR ("6244748").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/19 17:42
S14 3	63	("2807265"   "2978769"   "3172443"   "3181583"   "3266965"   "3381592"   "3543343"   "4240241"   "4246288"   "4335817"   "4341575"   "4355494"   "4401213"   "4430070"   "4449962"   "4601694"   "4617683"   "4619021"   "4655862"   "4663915"   "4666536"   "4691373"   "4709398"   "4709533"   "4756629"   "4790126"   "4840611"   "4844759"   "4878987"   "4896775"   "4909017"   "4915318"   "4925316"   "4969967"   "5024537"   "5050736"   "5157811"   "5188461"   "5601368"   "5774954"   "5806984"   "5829884"   "5902047"   "B14894974").PN. OR ("6019512").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/19 17:39
S14 2	46	("2978769"   "3181583"   "3532571"   "4335817"   "4570820"   "4691373"   "4848928"   "4902140"   "5024537"   "5036643"   "5096516"   "5461845").PN. OR ("5601368").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/19 17:38
S14 1	66	("2428745"   "2666709"   "2683694"   "2704746"   "2978769"   "3172443"   "3181583"   "3266965"   "3426959"   "3532571"   "3608439"   "3827472"   "3948705"   "3984600"   "4094729"   "4246288"   "4335817"   "4570820"   "4617683"   "4655862"   "4782951"   "4894975"   "5022530"   "5024537"   "5026563"   "5050736"   "5063069"   "5096516"   "5116140"   "5157811"   "5186543"   "5461845"   "5525363"   "5601368"   "5672009"   "5806984").PN. OR ("5954433").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/19 17:35
S14 0	48	("3780781"   "3827472"   "4817188"   "4923309"   "5017021"   "5092684"   "5186543"   "5509735"   "5525363").PN. OR ("5672009").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/19 17:34
S13 9	16	("3991801"   "4878763"   "5007146"   "5672009"   "5931582"   "6115892"   "6183134"   "6222128"   "6327754").PN. OR ("6505383").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/19 17:33
S13 8	16	("3991801"   "4878763"   "5007146"   "5672009"   "5931582"   "6115892"   "6183134"   "6222128"   "6327754").PN. OR ("6505383").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/19 17:31
S13 7	39	("4925316"   "5470156"   "5474382"   "5486051"   "5492411"   "5509735"   "5513915"   "5551127"   "5604000"   "5660479"   "5672009"   "5725312"   "5774954"   "5827163"   "5832570"   "5930877"   "5964532").PN. OR ("6183134").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/19 17:28

## EAST Search History

S13 6	172	("3381592"   "3473589"   "3532571"   "3608439"   "3613524"   "3701191"   "3701192"   "3785111"   "3839128"   "3948705"   "4094729"   "4196030"   "4240241"   "4241865"   "4246288"   "4277241"   "4341575"   "4355494"   "4372793"   "4415386"   "4430070"   "4437293"   "4517788"   "4528224"   "4563319"   "4581006"   "4582549"   "4589145"   "4601694"   "4617683"   "4620320"   "4651504"   "4655862"   "4663915"   "4666536"   "4673383"   "4691372"   "4703518"   "4709398"   "4709533"   "4710157"   "4782951"   "4787880"   "4790126"   "4807300"   "4812074"   "4840012"   "4840611"   "4844759"   "4850178"   "4876842"   "4878987"   "4892414"   "4892512"   "4894975"   "4909017"   "4924655"   "4925318"   "4929225"   "4941307"   "4969309"   "4974395"   "4993212"   "5005707"   "5014498"   "5027584"   "5036643"   "5042224"   "5046300"   "5047002"   "5063639"   "5067208"   "5072571"   "5085031"   "5088971"   "5092831"   "5096516"   "5105603"   "5107658"   "5111643"   "5116301"   "5127208"   "5131121"   "5147272"   "5161286"   "5179816"   "5188461"   "5211482"   "5247781"   "5254073"   "5259904"   "5273511"   "5322579"   "5334127"   "5383989"   "5400565"   "5400568"   "5405478"   "5405629"   "5412924"   "5415904"   "5425216"   "5425825"   "5431760"   "5435864"   "5442837"   "5448807"   "5470156"   "5482375"   "5489252"   "5492411"   "5505037"   "5509735"   "5511884"   "5519982"   "5525363"   "5542902"   "5551127"   "5551208"   "5557907"   "5558613"   "5561966"   "5564259"   "5573614"     "5592802").PN. OR ("5603202"   "5613934"   "5628566"     "5647671"   "5669715"   "5672234"   "5682730"   "5706635"     "5725312"   "5782733"   "5788378"   "5823933"   "5833791"     "5906438"   "5956924"   "6044621"   "6138436"   "6138439"     "6148588"   "6161271"   "6209287"   "6212857"   "6216423"     "6279298"   "6286189"   "6289561"   "6292986"   "6293896"     "6327754"   "6347437"   "6360513"   "6363692"   "6412254"     "6427421"   "6449924"   "6470551"   "6499272"   "6526726"     "6581358"   "6688080"   "6918234"   "RE27174").PN. OR ("7178309").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/19 16:20
S13 5	66	("3226787"   "3679511"   "3986914"   "4240241"   "4437293"   "4782951"   "4817188"   "4844759"   "4846585"   "4894975"   "4896775"   "4901505").PN. OR ("5085031").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/19 16:12
S13 4	72	("3226787").URPN.	USPAT	OR	OFF	2007/07/19 16:04
S13 3	110	("3181583"   "3226787"   "3312339"   "3338284"   "3385428"   "3462332"   "3473589"   "3625270"   "3679511"   "3685562"   "3780781"   "3846209"   "3852386"   "3889871"   "3904468"   "4101355"   "4241865"   "4279677"   "4290467"   "4295915"   "4306924"   "4428788"   "4484352"   "4522678"   "4555282"   "4557384"   "4572377"   "4582549"   "4589145"   "4615045"   "4620320"   "4630311"   "4672723"   "4682366"   "4699607"   "4731911"   "4736496"   "4741789"   "4744674"   "4755248"   "4756629"   "4824261"   "4835835"   "4846585"   "4846586"   "4854017"   "4863285"   "4892414"   "4894975"   "4907321"   "4927271"   "4930905"   "4947525"   "4985192"   "5012561"   "5022530"   "5033868"   "5048692"   "5053091"   "5056930"   "5063069"   "5066444"   "5092684"   "5094707"   "5100000"   "5102234"   "5118202"   "5152613"   "5186543"   "5192135"   "5259904"   "5309698"   "5366294"   "5372428"   "5382094"   "5407277"   "5411692"   "5417495"   "5419437"   "5425216"   "5456928"   "5552202"   "5875611"   "6012844"   "Re26991"   "Re28959"   "Re28969"   "Re29208"   "Re33674"     "Re34554").PN. OR ("6149302").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/19 16:02
S13 2	1	"6149302".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/19 14:52

## **EAST Search History**

S13 1	409	"1992152"   "2064432"   "2506311"   "2560535"   "2848031"   US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/19 14:52
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		"3259951"   "3262634"   "3282493"   "3313471"   "3325084"			
		"3326399"   "3338285"   "3339606"   "3368740"   "3371696"			
		"3381592"   "3387640"   "3416986"   "3417675"   "3425469"			
		"3426396"   "3437258"   "3456867"   "3460337"   "3462068"			
		"3471005"   "3473589"   "3532571"   "3535409"   "3543343"			
		"3565147"   "3608439"   "3613524"   "3619395"   "3625270"			
		"3633642"   "3640381"   "3655503"   "3679511"   "3701191"			
		"3701192"   "3711011"   "3722672"   "3738567"   "3744211"			
		"3746215"   "3780781"   "3785111"   "3790992"   "3815317"			
		"3817017"   "3818963"   "3827472"   "3839128"   "3868891"			
		"3903571"   "3909887"   "3948705"   "3953661"   "3988184"			
		"3991801"   "4003972"   "4094729"   "4101355"   "4112990"			
		"4118166"   "4153090"   "4189050"   "4189809"   "4191230"			
		"4196030"   "4212337"   "4235653"   "4240241"   "4241865"			
		"4246288"   "4249982"   "4252238"   "4277241"   "4279677"			
		"4285376"   "4295919"   "4309233"   "4341575"   "4355494"			
		"4363345"   "4372793"   "4379806"   "4415386"   "4419159"			
		"4428477"   "4428788"   "4430070"   "4437293"   "4446088"			
		"4490959"   "4497678"   "4498939"   "4514962"   "4515647"			
		"4517788"   "4518087"   "4522305"   "4528224"   "4540537"			
		"4555282"   "4561109"   "4563319"   "4573203"   "4581006"			
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		"4664649"   "4665552"   "4665557"   "4666536"   "4673383"			
		"4682366"   "4691372"   "4698118"   "4703518"   "4709398"			
		"4709533"   "4710157"   "4713839"   "4736450"   "4736451"			
		"4744674"   "4755247"   "4755248"   "4782951"   "4786190"			
		"4787880"   "4790126"   "4791710"   "4792240"   "4807300"			
		"4812074"   "4817188"   "4832505"   "4835835"   "4840012"			
		"4840611"   "4844759"   "4846585"   "4848064"   "4850178"			
		"4855168"   "4863285"   "4875587"   "4876842"   "4877336"			
		"4878987"   "4889731"   "4890935"   "4892414"   "4892512"			
		"4894975"   "4895198"   "4902140"   "4909017"   "4923309"			
		"4924655"   "4925316"   "4925318"   "4929225"   "4941307"			
		"4944409"   "4945714"   "4947525"   "4969309"   "4969967"			
		"4971454"   "4974395"   "4993212"   "5005707"   "5007142"			
		"5007143"   "5010627"   "5014498"   "5017021"   "5020194"			
		"5022530"   "5023122"   "5024537"   "5027584"   "5033868"			
		"5035517"   "5036643"   "5042224"   "5046300"   "5063069"			
		"5063639"   "5063644"   "5065899"   "5066444"   "5067208"			
		"5067822"   "5070583"   "5071689"   "5072571"   "5085031"			
		"5088971"   "5092684"   "5092831"   "5096516"   "5100246"			
		"5105603"   "5107658"   "5111643"   "5112138"   "5116301"			
		"5121997"   "5127208"   "5129734"   "5131121"   "5147272"			
		"5152613"   "5161286"   "5167608"   "5179816"   "5186543"			
		"5188461"   "5189764").PN. OR ("5198055"   "5209574"			
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		"5273511"   "5283932"   "5301394"   "5301395"   "5322579"			
		"5334127"   "5366294"   "5383989"   "5391136"   "5400565"			
		"5400568"   "5403094"   "5405478"   "5405629"   "5412924"			
		"5415904"   "5425216"   "5425825"   "5426830"   "5431760"			
		"5435864"   "5442837"   "5442838"   "5448807"   "5448808"			
		"5456928"   "5461845"   "5470156"   "5482375"   "5486051"			
		"5489252"   "5492411"   "5505037"   "5509735"   "5511884"			
		"5513915"   "5519982"   "5525363"   "5542902"   "5551127"			
		"5551208"   "5552202"   "5557907"   "5558613"   "5561966"			
		"5564259"   "5573614"   "5582853"   "5592802"   "5613934"			
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		"5664299"   "5669715"   "5681115"   "5682730"   "5704192"			
		"5711751"   "5713669"   "5725312"   "5769772"   "5775812"			
		"5776045"   "5782733"   "5788378"   "5823933"   "5833791"			
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		"5956924"   "5964532"   "6000197"   "6017412"   "6044621"			
		"6088998"   "6131369"   "6131374"   "6138436"   "6138439"			

## EAST Search History

S13 0	130	("3172443"   "3226787"   "3780781"   "4196030"   "4337889"   "4923309"   "4927271"   "4966470"   "4971454"   "5007142"   "5007143"   "5010627"   "5020194"   "5023122"   "5063644"   "5067208"   "5070583"   "5077064"   "5088971"   "5092684"   "5092831"   "5116301"   "5121997"   "5129734"   "5131121"   "5161286"   "5186543"   "5189764"   "5211482"   "5224779"   "5283932"   "5301394"   "5301395"   "5405478"   "5426830"   "5431760"   "5435864"   "5442837"   "5442838"   "5448807"   "5456928"   "5480230"   "5482375"   "Re33674"   "Re34554").PN. OR ("5713669").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/19 12:17
S12 9	3085	(383/203,207,209,210,210.1,5,61,2,63,64,6,3,104).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/19 12:00
S12 8	3	"7101079".pn.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2007/07/19 10:55
S12 7	2	"5120563".pn.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2007/07/19 10:55
S12 6	11	"5120563"	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2007/07/19 10:08
S12 5	2	"US 20020004749"	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2007/07/19 10:08
S12 4	2	"US 20040058039"	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2007/07/18 17:00